

# GHP2

## COME ORDINARE / HOW TO ORDER

GHP2	TIPO Type	ROTAZIONE ROTATION	TAGLIA SIZE	ALBERO* SHAFT*	PORTE* PORTS*	GUARNIZIONI* SEALS*	OPZIONI* OPTIONS*	DRENAGGIO* DRAIN*
	omit	D DESTRA CLOCKWISE	6			<b>Guarnizioni / Seals</b>		
	A	S SINISTRA COUNTER CLOCKWISE	9			omit (T range = -10°C + 80°C)		
	A3		10			V		
	BK1	R** REVERSIBILE REVERSIBLE	12			H		
	BK2		13			...		
	BK4		16			<b>Opzioni / Options</b>		
	BK7		20			TR		
			22			T		
			25			KA		
			30			OR***		
			34			...		
			37			<b>Drenaggio / Drain</b>		
			40			E0 = drenaggio interno/internal drain		
			50			E1 = drenaggio esterno/external drain G1/4		
						**** E2 = drenaggio esterno/external drain 9/16-18 UNF		
						E3 = drenaggio esterno/external drain G3/8 (solo per opzione VM/only for VM options)		
						**** E4 = drenaggio esterno/external drain 7/16-20 UNF (solo per rotazione R e porte KA/only for R rotation and KA ports)		

(\*) = campi da specificare se diversi dallo standard "tipo pompa" / to be specified if different from standard pump type  
 (\*\*\*) = solo per tipi pompa A e BK1 / only for A and BK1 pump types  
 (\*\*\*\*) = Le porte di drenaggio sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring / Drain ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1)

### Tipi Pompa Standard / Pump Standard Types

omit	= flangia europea + albero TO + porte E + guarnizioni standard / european flange + shaft TO + ports E + standard seals
A	= flangia A + albero C1 + porte FA + guarnizioni standard / flange A + shaft C1 + ports FA + standard seals
A3	= flangia A3 + albero C3 + porte FA + guarnizioni standard / flange A3 + shaft C3 + ports FA + standard seals
BK1	= flangia BK1 + albero T1 + porte D + guarnizioni standard / flange BK1 + shaft T1 + ports D + standard seals
BK2	= flangia BK2 + albero T2 + porte D + guarnizioni standard / flange BK2 + shaft T2 + ports D + standard seals
BK4	= flangia BK4 + albero T2 + porte D + guarnizioni standard / flange BK4 + shaft T2 + ports D + standard seals
BK7	= flangia BK7 + albero G0 + porte D + guarnizioni standard / flange BK7 + shaft G0 + ports D + standard seals

### Esempi / Examples:

GHP2-D-6	= pompa destra, 4.5 cc/rev, flangia europea, albero conico 1:8, porte flangiate tipo E, guarnizioni standard clockwise rotation, 4.5 cc/rev, european flange, 1:8 tapered shaft, flanged ports E type, standard seals
GHP2A-D-6-KA	= pompa destra, 4.5 cc/rev, flangia SAE A 2 fori, albero cilindrico, guarnizioni standard, porte filettate UNF sul coperchio (KA) clockwise rotation, 4.5 cc/rev, SAE A 2 bolt flange, cylindrical shaft, standard seals, UNF threaded rear ports (KA)
GHP2BK2-D-6-E	= pompa destra, 4.5 cc/rev, flangia tedesca quadrata, albero conico 1:5, porte flangiate (E), guarnizioni standard clockwise rotation, 4.5 cc/rev, german square flange, 1:5 tapered shaft, european flanged ports (E), standard seals
GHP2A-D-6-OR	= pompa destra, 4.5 cc/rev, flangia SAE a 2 fori, albero cilindrico C1, porte filettate FA, guarnizioni standard, guarnizione OR sul colletto clockwise rotation, 4.5 cc/rev, SAE A 2 bolt flange, cylindrical shaft C1, threaded ports FA, standard seal, OR seal on pilot

LE TAVOLE DI PRODOTTO RAPPRESENTANO I TIPI POMPA STANDARD PER MARZOCCHI POMPE. LE TAVOLE SINOTTICHE DI FLANGE, ALBERI E PORTE HANNO LO SCOPO DI RAPPRESENTARE TUTTE LE POSSIBILI CONFIGURAZIONI DI PRODOTTO. PER MAGGIORI DETTAGLI SULLE DISPONIBILITÀ E CONDIZIONI DI FORNITURA, CONSIGLIAMO DI INTERPELLARE IL NOSTRO UFFICIO TECNICO-COMMERCIALE.

THE PRODUCT DATA SHEETS SHOW OUR STANDARD MODEL TYPES. THE SYNOPSIS TABLES FOR FLANGES, SHAFTS AND PORTS SHOW ALL THE POSSIBLE CONFIGURATIONS. FOR FURTHER DETAILS ABOUT THE AVAILABILITY OF EACH CONFIGURATION PLEASE CONTACT OUR SALES AND TECHNICAL DEPT.

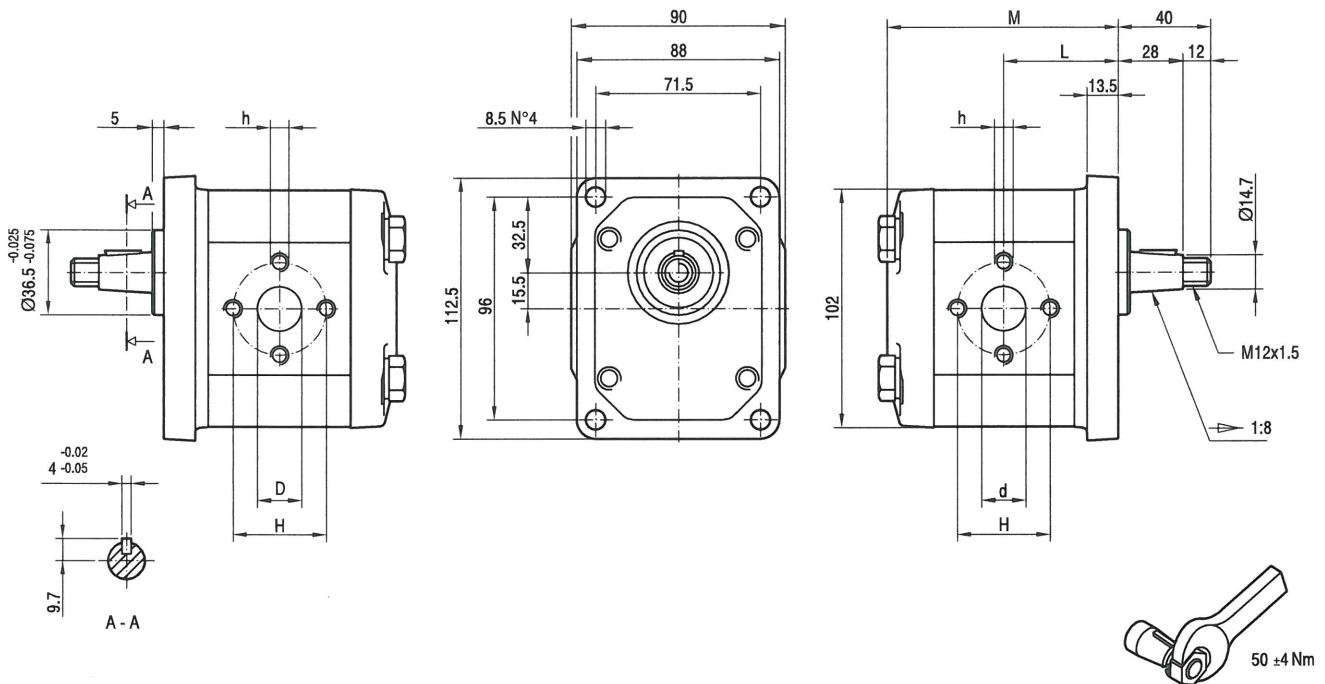
# GHP2

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522057), dado M12x1.5 (codice 523016), rosetta elastica spaccata (codice 523005).  
 Porte standard: filetti M6 profondità utile 13 mm, filetti M8 profondità utile 17 mm.  
 Disponibile su richiesta albero conico con linguetta a disco di spessore 3,2 mm ("T3").

Accessories supplied with the standard pump: woodruff key (code 522057), M12x1.5 exagonal nut (code 523016), washer (code 523005).  
 Standard ports: M6 threads depth 13 mm, M8 threads depth 17 mm.  
 The tapered shaft is also available with 3,2 mm key ("T3").

MANDATA  
OUTLET

ASPIRAZIONE  
INLET

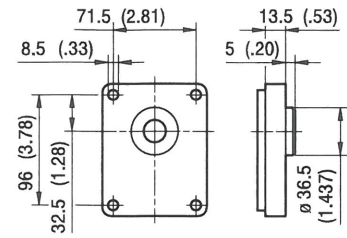


TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS					
			P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>		L	M	d	D	h	H
	cm <sup>3</sup> /giro [cm <sup>3</sup> /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm	mm	mm
GHP2-D-6	4,5	6,4	280	295	310	4000	45,5	92	13	13	M6	30
GHP2-D-9	6,4	9,1	280	295	310	4000	47	95	13	13	M6	30
GHP2-D-10	7,0	10,0	280	295	310	4000	47,5	96	13	13	M8	40
GHP2-D-12	8,3	11,8	280	295	310	3500	48,5	98	13	13	M8	40
GHP2-D-13	9,6	13,7	280	295	310	3000	49,5	100	13	13	M8	40
GHP2-D-16	11,5	16,4	280	295	310	4000	51	103	19	13	M8	40
GHP2-D-20	14,1	20,1	260	275	290	4000	53	107	19	13	M8	40
GHP2-D-22	16,0	22,8	260	275	290	4000	54,5	110	19	13	M8	40
GHP2-D-25	17,9	25,5	260	275	290	3600	56	113	19	13	M8	40
GHP2-D-30	21,1	30,1	230	245	260	3200	58,5	118	19	19	M8	40
GHP2-D-34	23,7	33,7	230	245	260	3000	60,5	122	19	19	M8	40
GHP2-D-37	25,5	36,4	210	225	240	2800	62	125	19	19	M8	40
GHP2-D-40	28,2	40,1	200	215	230	2500	64	129	19	19	M8	40
GHP2-D-50	35,2	50,2	160	175	190	2500	69,5	140	21	19	M8	40

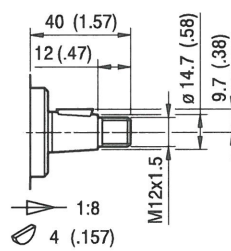
# GHP2

## FLANGE / FLANGES

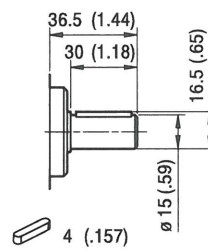
## ALBERI / SHAFTS



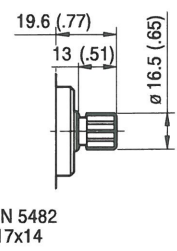
**T0**



**C0**



**S0**

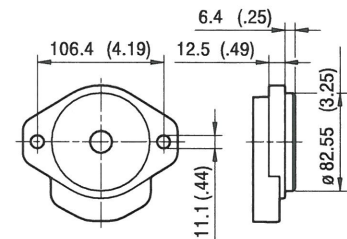


DIN 5482  
B17x14

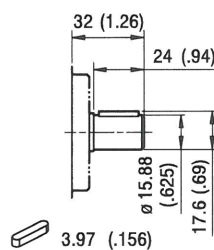
Coppia Max  
Max Torque 145 Nm

Coppia Max  
Max Torque 125 Nm

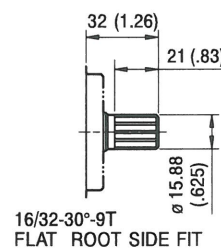
Coppia Max  
Max Torque 130 Nm



**A**



**C1**

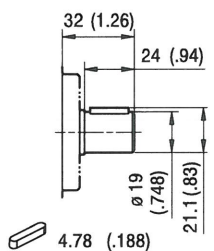


16/32-30°-9T  
FLAT ROOT SIDE FIT

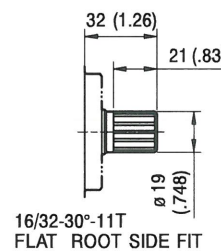
**S1**

Coppia Max  
Max Torque 105 Nm

Coppia Max  
Max Torque 110 Nm



**C2**

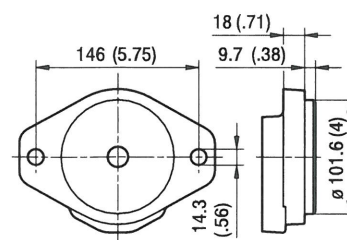


16/32-30°-11T  
FLAT ROOT SIDE FIT

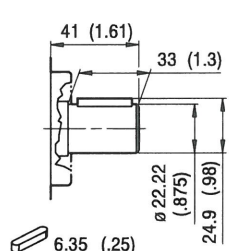
**S2**

Coppia Max  
Max Torque 150 Nm

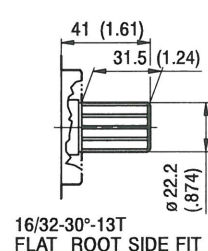
Coppia Max  
Max Torque 230 Nm



**A3**



**C3**



16/32-30°-13T  
FLAT ROOT SIDE FIT

**S5**

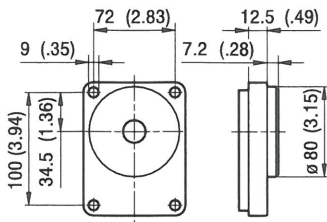
Coppia Max  
Max Torque 130 Nm

Coppia Max  
Max Torque 130 Nm

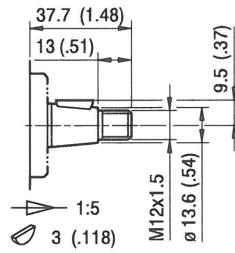
# GHP2

## FLANGE / FLANGES

## ALBERI / SHAFTS

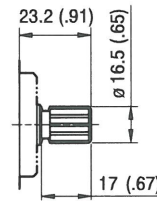


**BK1**



**T1**

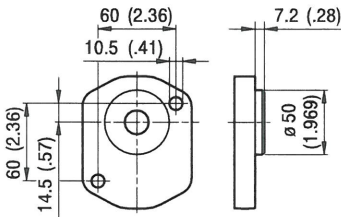
Coppia Max 130 Nm  
Max Torque



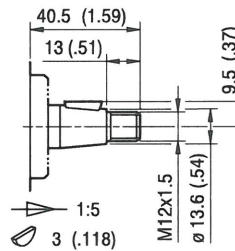
**S3**

DIN 5482  
B17x14

Coppia Max 130 Nm  
Max Torque

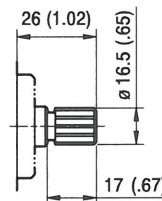


**BK2**



**T2**

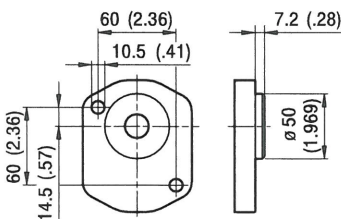
Coppia Max 130 Nm  
Max Torque



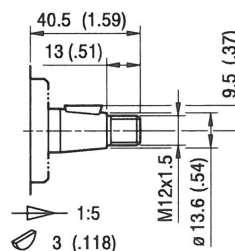
**S4**

DIN 5482  
B17x14

Coppia Max 130 Nm  
Max Torque

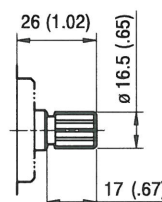


**BK4**



**T2**

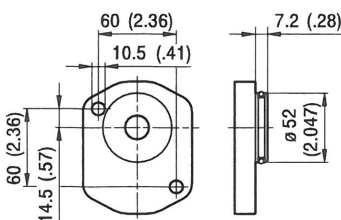
Coppia Max 130 Nm  
Max Torque



**S4**

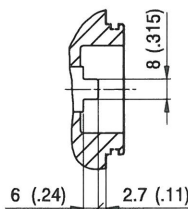
DIN 5482  
B17x14

Coppia Max 130 Nm  
Max Torque



**BK7**

OR 3181

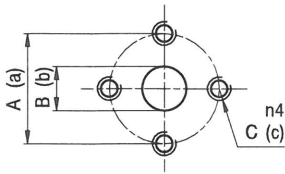


**G0**

Coppia Max 105 Nm  
Max Torque

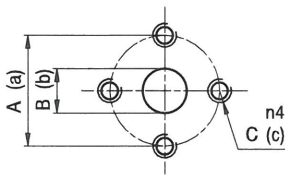
# GHP2

## PORTE / PORTS


**E**

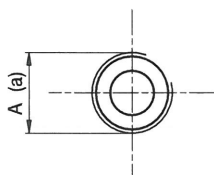
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6 ÷ GHP2...9	30	13	M6	30	13	M6
GHP2...10 ÷ GHP2...13	40	13	M8	40	13	M8
GHP2...16 ÷ GHP2...25	40	19	M8	40	13	M8
GHP2...30 ÷ GHP2...40	40	19	M8	40	19	M8
GHP2...50	40	21	M8	40	19	M8

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)  
 Tightening torques of the fittings screws are specified on page 55 (accessories section)


**EP**

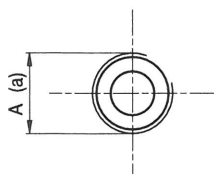
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6	40	13	M8	30	13	M6
GHP2...10 ÷ GHP2...13	30	13	M6	30	13	M6
GHP2...16 ÷ GHP2...40	40	19	M8	30	13	M6
GHP2...50	40	21	M8	30	19	M6

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**FG**

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...16	G1/2	G1/2
GHP2...20 ÷ GHP2...40	G3/4	G1/2

Raccordo G1/2 coppia di serraggio massima 50 Nm. Raccordo G3/4 coppia di serraggio massima 60 Nm.  
 Consigliamo di richiedere conferma al fornitore del raccordo.  
 Tightening torques for G1/2 fitting: 50 Nm. Tightening torques for G3/4 fitting: 60 Nm. Please check with the fittings suppliers.


**FC**

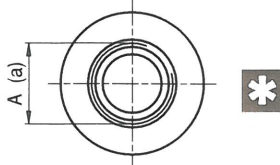
TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...16	Rc1/2	Rc1/2
GHP2...20 ÷ GHP2...40	Rc3/4	Rc1/2

Raccordo Rc1/2 coppia di serraggio massima 50 Nm. Raccordo Rc3/4 coppia di serraggio massima 60 Nm.  
 Consigliamo di richiedere conferma al fornitore del raccordo.  
 Tightening torques for Rc1/2 fitting: 50 Nm. Tightening torques for Rc3/4 fitting: 60 Nm. Please check with the fittings suppliers.



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## PORTE / PORTS

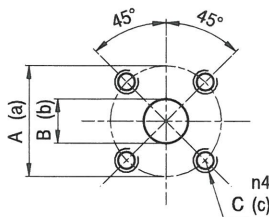


STANDARD SAE J1926/1

**FA**

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...40	1 1/16-12 UNF	7/8-14 UNF
GHP2...50	1 5/16-12 UNF	7/8-14 UNF

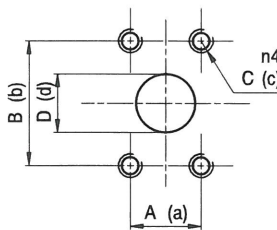
Raccordo 7/8-14 UNF coppia di serraggio massima 70 Nm. Raccordo 1 1/16-12 UNF coppia di serraggio massima 70 Nm. Raccordo 1 5/16-12 UNF coppia di serraggio massima 80 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.  
 Tightening torques for 7/8-14 UNF fitting: 70 Nm. Tightening torques for 1 1/16-12 UNF fitting: 70 Nm. Tightening torques for 1 5/16-12 UNF fitting: 80 Nm. Please check with the fittings suppliers.



**D**

TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6 ÷ GHP2...12	40	15	M6	35	15	M6
GHP2...13 ÷ GHP2...40	40	20	M6	35	15	M6

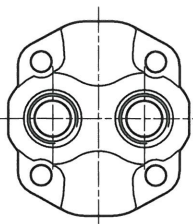
I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)  
 Tightening torques of the fittings screws are specified on page 55 (accessories section)



**A**

TIPO TYPE	ASPIRAZIONE INLET				MANDATA OUTLET			
	A	B	C	D	a	b	c	d
GHP2...6 ÷ GHP2...22	17,48	38,1	5/16-18 UNC	13	17,48	38,1	5/16-18 UNC	13
GHP2...25	22,23	47,63	3/8-16 UNC	19	17,48	38,1	5/16-18 UNC	13
GHP2...30 ÷ GHP2...40	22,23	47,63	3/8-16 UNC	19	22,23	47,63	3/8-16 UNC	19

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)  
 Tightening torques of the fittings screws are specified on page 55 (accessories section)



**KA**

### Opzione KA

Le porte di aspirazione e mandata sono posizionate sul coperchio. Sono disponibili le versioni FG e FA (per le dimensioni, vedi le relative tabelle).

### KA Option

Outlet and Inlet Ports are located in the cover. FG and FA versions are available (for details about dimensions, please refer to the specific tables).